

Inlet Control, Concrete Box,
90° Headwall,
Chamfered or Beveled Edges

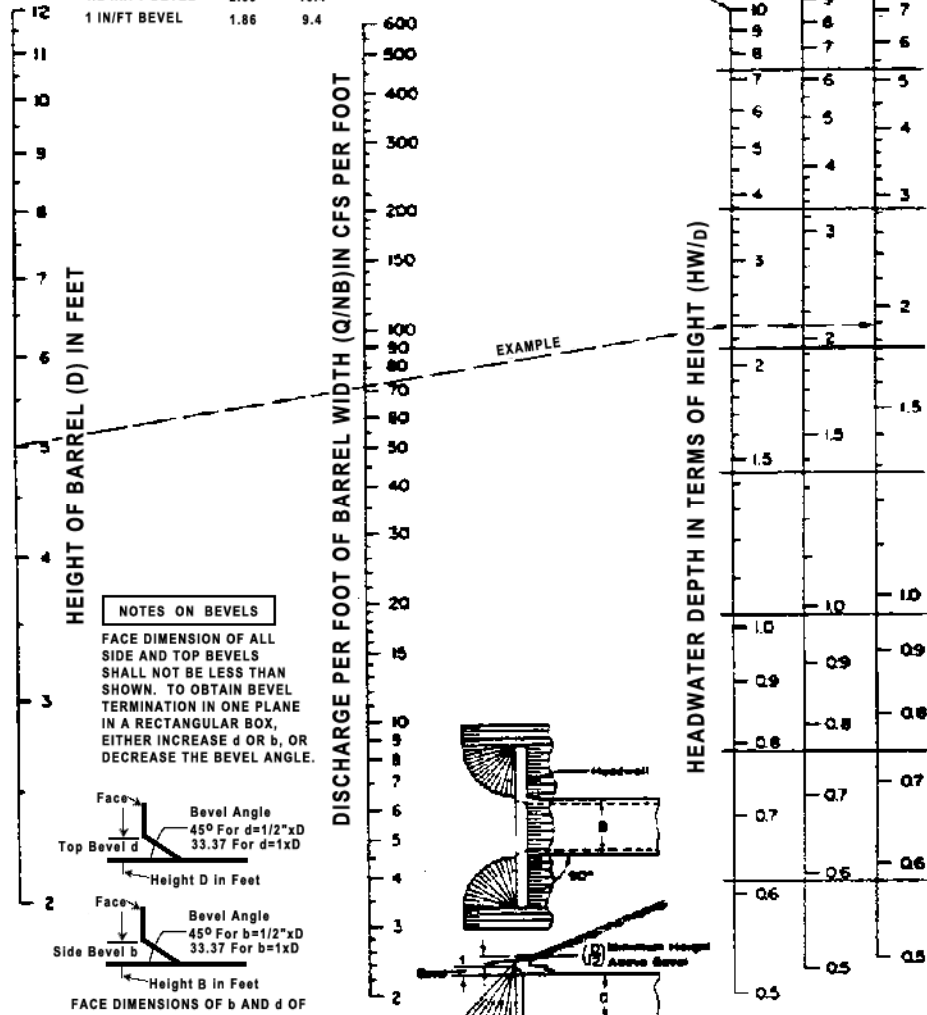


CHART 10

EXAMPLE
8=7FT. D=5 FT. Q=500 CFS Q/NB=71.5

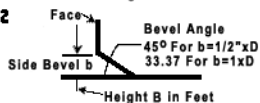
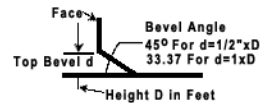
ALL EDGES	HW	HW
	0	feet
CHAMFER 3/4"	2.31	11.5
1/2 IN/FT BEVEL	2.09	10.4
1 IN/FT BEVEL	1.86	9.4

INLET FACE -- ALL EDGES:
1IN/FT. BEVELS 33.7° (1:1.5)
1/2 IN/FT. BEVELS 45° (1:1)
3/4 INCH CHAMFERS



NOTES ON BEVELS

FACE DIMENSION OF ALL SIDE AND TOP BEVELS SHALL NOT BE LESS THAN SHOWN. TO OBTAIN BEVEL TERMINATION IN ONE PLANE IN A RECTANGULAR BOX, EITHER INCREASE d OR b, OR DECREASE THE BEVEL ANGLE.



FACE DIMENSIONS OF b AND d OF BEVELS ARE EACH RELATED TO THE OPENING DIMENSION AT RIGHT ANGLES TO THE EDGE

HEADWATER DEPTH FOR INLET CONTROL
RECTANGULAR BOX CULVERTS
90° HEADWALL
CHAMFERED OR BEVELED INLET EDGES

FEDERAL HIGHWAY ADMINISTRATION
MAY 1973

Source: HDS-5